

ABSTRACT OF THE DISCLOSURE

A write power determining method for an optical disk drive is provided which can determine optimum write power information of an optical disk during the high-speed rotation of the disk.

The write power determining method comprises the steps of: obtaining push-pull signal amplitude at two positions in a radial direction of an optical disk before writing; on the basis of the obtained push-pull signal amplitude, determining a linearization value of optimum write power associated with radial positions over the whole writing area of the disk; and adopting the determined result as optimum write power information associated with the radial positions of the disk.